

## JURONG ISLAND – JURONG ROCK CAVERNS (ORC)

BERTH	DEPTH A/S (m)	APPROACH DEPTH (m)	MAX LOA (m)	MAX DISPL. (Tons)	REMARKS
ORC1A	-	-	140	-	Not operational
ORC1B	15.9	15.8	297	160,000	Shallower depth of 14.8m exists at North by West of Jetty 1
ORC1C	-	-	140	-	Not operational

### GENERAL INFORMATION

- 1 No night movement allowed.
- 2 No berthing for vessels above maximum displacement.
- 3 No berthing if wind speed > 20 knots.
- 4 Approaches to the Banyan Basin entrance is affected by cross current and tidal restriction apply – see Pilotage Guidelines below.
- 5 During the approach to the entrance of Banyan Basin, it is prudent to stem the prevailing current particularly when the tidal stream exceeds 1 knot in the Sinki Fairway prior entering the Banyan Basin.
- 6 Communications - Pilot Walkie-Talkie Channel: P02  
Operation room number: (65) 6369 9893 / 9894

## PILOTAGE GUIDELINES

Note: The jetty is located in slack water. The below tidal restrictions are meant for the approach to Banyan Basin entrance.

### 1 BERTHING (Day)

Flood and Ebb Tide

- a) Tidal strength  $\leq 0.5$  kts

Day: No restriction

- b) Tidal strength  $>0.5$  to  $<1.0$  kts

Day: No restriction

- c) Tidal strength  $>1.0$  kts to  $<1.5$  kts

Day: Draft  $<12.5$  metres: No restriction

Draft  $\geq 12.5$  metres: No berthing if LOA  $\geq 250$  metres.

- d) Tidal strength  $>1.5$  kts to  $<2.5$  kts

Day: Draft  $<11.0$  metres: No restriction

Draft  $\geq 11.0$  metres: No Berthing if LOA  $\geq 240$  metres

Draft  $\geq 12.5$  metres: No Berthing if LOA  $\geq 200$  metres

GT  $\geq 100,000$ T: No berthing

- e) Tidal strength  $> 2.5$  kts

Day: Draft  $<10.0$  metres: No restriction

Draft  $\geq 10.0$  metres: No Berthing if LOA  $\geq 220$  metres

Draft  $\geq 11.0$  metres: No Berthing if LOA  $\geq 200$  metres

GT  $\geq 100,000$ : No berthing

### 2 UNBERTHING (Day)

Flood and Ebb tide

- a) Tidal strength  $\leq 0.5$  kts

Day: No restriction

- b) Tidal strength  $>0.5$  kts to  $<1.5$  kts

Day: No restriction

c) Tidal strength >1.5 kts to <2.5 kts

Day: No restriction

d) Tidal strength >2.5 kts

Day: No restriction

GT ≥100,000: No unberthing

### TUG GUIDELINES

Tug Recommendation for Berthing and Unberthing @: ORC Berths 1A, 1B & 1C

LENGTH OVERALL OF VESSEL	NUMBER OF TUGS
Up to 70 metres LOA	Pilot to consult master on the use of tug and, if required, order from the tug company nominated by the agent
71 to 122 metres LOA	1 small tug
123 to 152 metres LOA	2 small tugs
153 to 180 metres LOA	2 medium tugs
181 to 250 metres LOA	2 big tugs
For vessel more than 250 metres LOA with draft > 14 metres	3 big tugs
For vessel more than 250 metres with GT > 75,000	4 big tugs

Revised: 11 Apr 2014